

LIST OF CHRYSOMELIDAE (COLEOPTERA) KNOWN TO OCCUR IN OHIO¹

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Specific investigation of the leaf beetles of the family *Chrysomelidae* was begun by the writer in June 1937 while a graduate student at Ohio University, Athens, Ohio. Records to July 1939, supplemented by data from other sources, were used in a Master's Thesis at Ohio University, Athens, Ohio, in August 1939 (unpublished). This list is based on the above mentioned data plus all records obtained by October 1940.

The family *Chrysomelidae*, which is world-wide in its distribution, is one of the largest known families of Coleoptera. Leng (1920) lists more than 1000 species and varieties for America north of Mexico. Records for 332 species and varieties for New York State are given by Leonard et al. (1926). Blatchley (1910) gives 266 species and varieties for Indiana. In 1902 and with additions in 1906, Dury published a list of Coleoptera of the Cincinnati Region (mainly Hamilton County) which included 163 species and varieties of *Chrysomelidae* for Ohio. This is the only other extensive published list for the State.

The present list records 298 species and varieties for Ohio, of which the writer has personally collected 192. Distribution records for other states indicate that an additional 112, for which we have no Ohio records at present, may occur in the state. Species are considered possible for Ohio when they have been reported from an adjacent state, from Western New York (Leonard et al., 1926) or when Ohio is located between two or more known points of occurrence. The total known and possible species and varieties for Ohio may be more than 400.

The synonymy and arrangement follow Leng (1920). The number of specimens of each species examined is given in parentheses. Records for species and varieties are given by counties. When the county is not known, "Ohio" is used instead. The earliest and latest known dates of the year on which each species was collected are recorded. When a record is based on published literature alone, it is accompanied by an explanatory note, except for some records taken from Dury (1902, 1906) in which case "Hamilton (CSNH)" is employed.

Abbreviations (in parentheses) for the sources of material are used as follows:

CM. Cleveland Museum of Natural History, Cleveland, Ohio.
CSNH. Cincinnati Society of Natural History, Cincinnati, Ohio.
JHH. Personal Collection of the Writer.
OSM. Ohio State Museum, Columbus, Ohio.
OSU. Ohio State University, Columbus, Ohio.
OU. Ohio University, Athens, Ohio.
RML. Ralph M. Leonard, Athens, Ohio.

When the abbreviations are accompanied by a question mark, the species is doubtfully recorded for that collection.

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Family CHRYSOMELIDAE

Subfamily DONACIINAE

Genus *Donacia* Fab.

- D. piscatrix* Lac. (39) Erie, Holmes, Licking, Vinton. May 30–Sept. 21. (JHH, OSM, OSU).
D. palmata Oliv. (9) Ashtabula, Erie, Morgan, Ottawa, Vinton. June–Sept. 21. (CSNH, JHH, OSU, OU).
D. hypoleuca Lac. (1) Erie, Knox. July–Aug. 6. (CM).
 The Knox County record for July was taken from Schaeffer (1925).
D. cincticornis Newm. (26) Athens, Erie, Knox, Ottawa. May 25–Aug. 6. (OSM, OSU, OU).
D. proxima Kby. (6) Erie. July 11–Aug. 8. (OSU).
D. quadricollis Say (3) Erie. July 6–Aug. 1. (OSU).
D. subtilis Kunze (307) Auglaize, Erie, Fairfield, Fulton, Geauga, Hamilton, Jackson, Licking, Logan, Lucas, Medina, Ottawa, Pickaway, Portage, Summit, Vinton, Wayne. May 17–Sept. 23. (CM, CSNH, JHH, OSM, OSU, OU).
D. aequalis Say (8) Erie, Hamilton, Lawrence, Summit. April 24–July 5. (CSNH, OSM, OSU).
D. rufa Say (14) Hamilton, Hocking. April 17–May 30. (CSNH, OSU).
D. sulcicollis Lac. (32) Hamilton, Jackson, Medina, Summit. April 24–May 31. (CM, CSNH, JHH, OSM, OU).
D. flavipes Kby. (8) Champaign, Summit, Wayne. May 18–June 12. (CSNH, OSM, OSU).
D. metallica Ahr. (38) Cuyahoga, Hamilton, Medina, Summit. May 12–June 13. (CM, CSNH, OSM, OSU).
D. pusilla Say (5) Erie. July. (CSNH, OSU).
 Other species of the Genus *Donacia* possible for Ohio: *D. texana* var. *minor* Schffr., *rufescens* Lac., *cincticornis* var. *tenuis* Schffr., *hirticollis* Kby., *pubescens* Lec., *rugosa* Lec., *biimpressa* Melsh., *biimpressa* var. *limonia* Schffr., *porosicollis* Lac., *subtilis* var. *fulgens* Lec., *tuberculifrons* Schffr., *megacornis* Blatch., *pubicollis* Schffr., *harrisi* Lec., *nitida* Germ., *emarginata* Kby., *diversa* Schffr., *wallisi* Schffr.

Subfamily ORSODACNINAE

Genus *Orsodacne* Latr.

- O. atra* (Ahr.) (20) Athens, Franklin, Gallia, Hamilton, Hocking, Jackson, Meigs, Summit, Wayne. Mar. 16–May 20. (CM, CSNH, OSM, OSU, OU).
O. atra var. *hepatica* Say (2) Cuyahoga, Hocking. May 9–May 16. (CM, OSU).
O. atra var. *trivittata* Lac. (1) Hamilton. (CSNH).
O. atra var. *vittata* Say (12) Athens, Gallia, Hocking, Jackson, Meigs. Mar. 17–May 20. (OSM, OSU, OU).

Genus *Syneta* Lac.

- S. ferruginea* (Germ.) (25) Athens, Clark, Greene, Hamilton, Hocking, Pickaway, Wayne. April 26–June 19. (CSNH, OSU, OU).

Genus *Zeugophora* Kunze

- Species of the Genus *Zeugophora* possible for Ohio: *Z. kirbyi* Baly, *reineckeae* Grote, *scutellaris* Suffr., *consanguinea* Cr., *varians* Cr.

Subfamily CRIOCERINAE

Genus *Crioceris* Geoffr.

- C. asparagi* (L.) (221) Athens, Cuyahoga, Erie, Franklin, Guernsey, Hamilton, Hocking, Jackson, Ottawa, Perry. May 9–Sept. 24. (CM, CSNH, JHH, OSM, OSU, OU, RML).
C. duodecimpunctata (L.) (66) Ashtabula, Athens, Erie, Guernsey, Jackson, Lucas, Muskingum, Perry. May 19–Sept. 17. (CM, JHH, OSM, OSU, OU).

Genus *Lema* Fab.

- L. brunnicollis* Lac. (2) Fairfield, Franklin. May 11–July. (JHH, OSU).
L. collaris Say (16) Erie, Hamilton. May 30–July 10. (CSNH, OSU).
L. trilineata (Oliv.) (106) Adams, Ashtabula, Athens, Cuyahoga, Darke, Erie, Fairfield, Franklin, Hamilton, Hocking, Holmes, Jackson, Lake, Lucas, Meigs, Ottawa, Pickaway, Pike, Portage, Summit, Vinton, Washington. May 16–Oct. 9. (CM, CSNH, JHH, OSM, OSU, OU, RML).
L. sexpunctata Oliv. (264) Athens, Meigs. June 16–Nov. 10. (JHH, OU, RML).
L. sexpunctata var. *albinus* Lac. (53) Athens, Meigs. June 14–Nov. 1. (JHH, OU, RML).
 Other species of the Genus *Lema* possible for Ohio: *L. sayi* Cr., *palustris* Blatch.

Subfamily CLYTRINAE

Genus *Anomoea* Lac.

- A. laticlavata** Forst. (103) Athens, Fairfield, Franklin, Fulton, Hamilton, Hocking, Jackson, Lawrence, Licking, Logan, Lucas, Meigs, Morrow, Muskingum, Ottawa, Tuscarawas, Vinton. May 18–July 10. (CSNH, JHH, OSM, OSU, RML).

Genus *Coscinoptera* Lac.

- C. dominicana** (Fab.) (73) Adams, Athens, Franklin, Gallia, Hamilton, Hocking, Jackson, Lawrence, Meigs, Vinton. May 19–Aug. 17. (CSNH, JHH, OSM, OSU, OU).

Genus *Babia* Lac.

- B. quadriguttata** (Oliv.) (97) Athens, Champaign, Clark, Franklin, Greene, Hamilton, Hocking, Jackson, Meigs, Ottawa, Scioto, Vinton. May 22–Oct. 19. (CSNH, JHH, OSM, OSU, OU).

Genus *Saxinis* Lac.

- S. omogera** Lac. (23) Adams, Athens, Gallia, Hamilton, Jackson, Lucas, Meigs, Vinton, May 22–Aug. 9. (CSNH, JHH, OSU, OU, RML).

Subfamily FULCIDACINAE

Genus *Arthrochlamys* Ihering

- A. gibbosa** (Fab.) (73) Adams, Athens, Clark, Clermont, Cuyahoga, Fairfield, Franklin, Gallia, Greene, Hamilton, Hocking, Jackson, Lawrence, Medina, Meigs, Pike, Scioto, Vinton. May 1–Oct. 3. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Other species of the Genus *Arthrochlamys* possible for Ohio: *A. cribripennis* Lec.

Genus *Exema* Lac.

- E. gibber** (Oliv.) (69) Adams, Athens, Champaign, Fairfield, Franklin, Hamilton, Jackson, Lawrence, Meigs, Morgan, Pike, Ross, Vinton. May 10–Oct. 13. (CSNH, JHH, OSM, OSU, OU, RML).

- E. conspersa** (Mann.) (3) Hamilton. June 12–June 27. (CSNH).

- E. conspersa** var. **dispar** Lac. (238) Adams, Ashland, Ashtabula, Athens, Cuyahoga, Gallia, Hamilton, Hocking, Jackson, Lawrence, Meigs, Pike, Portage, Scioto, Summit, Vinton. May 22–Sept. 26. (CM, CSNH, JHH, RML).

Subfamily CRYPTOCEPHALINAE

Genus *Griburius* Hald.

- G. larvatus** (Newn.) Hamilton. (CSNH).

- G. scutellaris** (Fab.) (5) Fairfield, Hamilton, Jackson, Lucas, Vinton. June 9–July 7. (CSNH, JHH, OU).

- G. equestris** (Oliv.) (3) Hamilton, Lawrence. May 29. (CSNH, OSU). The Hamilton record by Charles Dury (CSNH) is given in Blatchley (1910).

Genus *Pachybrachys* Redt.

- P. pubescens** (Oliv.) (13) Hamilton, Hocking, Jackson. May 17–June 9. (CSNH, JHH, OSU).

- P. lodingi** Bowd. (1) Hamilton. (CSNH).

- P. sobrinus** Hald. (7) Athens, Hamilton, Lawrence, Meigs, Scioto. May 29–Aug. 26. (CSNH, JHH, OSU).

- P. femoratus** (Oliv.) (4) Athens, Lucas. June 23–July 7. (OU).

- P. subfasciatus** Lec. (24) Athens, Clark, Greene, Hamilton, Hocking. May 14–July 2. (CSNH, JHH, OSU, OU).

- P. atomarius** (Melsh.) (40) Athens, Hamilton, Hocking, Jackson, Vinton. May 22–Aug. 17. (CSNH, JHH, OU).

- P. roboris** Fall (2) Hamilton. June 27–July 7. (CSNH).

- P. spumarius** Suffr. (1) Athens. July 9. (JHH).

- P. tridens** (Melsh.) (31) Athens, Auglaize, Fairfield, Hamilton, Vinton. May 22–Aug. 17. (CSNH, JHH).

- P. bivittatus** (Say) (53) Athens, Cuyahoga, Erie, Franklin, Hamilton, Jackson, Lake, Licking, Ottawa, Preble, Washington. May 18–Sept. 21. (CM, CSNH, JHH, OSM, OSU).

- P. litigiousus** Suffr. (8) Athens, Jackson, Vinton. June 16–July 21. (JHH).

- P. othonus** (Say) (18) Ashland, Athens, Cuyahoga, Gallia, Hamilton, Jackson, Summit, Vinton, Warren, Wood. June 4–July 24. (CM, CSNH, JHH, OSU, OU).

- P. carbonarius* Hald. (2) Athens, Hocking. June 7–June 28. (JHH, OSM).
P. viduatus (Fab.) (1) Hamilton. (CSNH).
P. m-nigrum (Melsh.) (2) Lawrence, Vinton. Aug. 17–Aug. 23. (JHH).
P. trinitatus (Melsh.) (48) Athens, Cuyahoga, Fairfield, Gallia, Geauga, Hamilton, Jackson, Meigs, Portage, Vinton. June 29–Sept. 4. (CM, CSNH, JHH, OU).
P. confusus Bowd. (16) Athens, Hocking, Jackson, Vinton. July 4–Aug. 19. (JHH).
P. luridus (Fab.) (14) Athens, Hamilton, Jackson, Lucas, Meigs, Vinton, Wood. May 30–July 7. (CM, CSNH, JHH, OU, RML).
P. luridus var. *nigrinus* Blatch. (1) Ashland. June 24. (CM).
P. dilatatus Suffr. (8) Athens, Fairfield, Hamilton, Jackson, Meigs. May 18–July 2. (CSNH, JHH, OU).
P. hepaticus (Melsh.) (14) Athens, Hamilton, Jackson, Warren. June 10 to 12–July 7. (CSNH, JHH).

Other species of the Genus *Pachybrachys* possible for Ohio: *P. abdominalis* (Say), *pectoralis* (Melsh.), *calcaratus* Fall, *peccans* Suffr., *tridens* var. *flavicornis* (Melsh.), *obsoletus* Suffr., *praeclarus* Weise, *autolycus* Fall, *autolycus* var. *difficilis* Fall, *pulvinatus* Suffr.

Genus *Monachus* Leng

- M. ater* (Hald.) (43) Athens, Fairfield, Fulton, Gallia, Hamilton, Hocking, Jackson, Lawrence, Vinton. June 10–Sept. 3. (CSNH, JHH, OSU).
M. saponatus (Fab.) (89) Athens, Erie, Gallia, Hamilton, Hocking, Jackson, Lawrence, Lucas, Madison, Vinton. June 16–Sept. 3. (CSNH, JHH, OSU, OU).
M. guerini (Perbosc.) Hamilton. (CSNH).

Genus *Cryptocephalus* Geoffr.

- C. notatus* var. *quadrimaculatus* Say (36) Athens, Franklin, Hamilton, Hocking, Jackson, Lawrence, Meigs, Warren. May 15–July 25. (CSNH, JHH, OSM, OSU, OU, RML).
C. quadruplex Newm. (84) Adams, Ashland, Athens, Champaign, Cuyahoga, Darke, Franklin, Hamilton, Hocking, Jackson, Lucas, Ottawa, Vinton. May 25–Sept. 5. (CM, CSNH, JHH, OSM, OSU, OU, RML).
C. quadruplex var. *quadriguttulus* Suffr. (18) Athens, Erie, Hamilton, Licking. May 15–Aug. 19. (CSNH, OSU, OU).
C. guttulatus Oliv. (9) Adams, Athens, Hamilton, Hocking. June 13–Oct. 12. (CSNH, OSU, OU).
C. leucomelas Suffr. (41) Adams, Athens, Fairfield, Franklin, Hamilton, Jackson, Lucas, Montgomery, Ross, Scioto. June 21–Sept. 12. (CSNH, JHH, OSM, OSU, OU).
C. venustus Fab. (77) Adams, Ashland, Athens, Champaign, Gallia, Hamilton, Hocking, Jackson, Lawrence, Morgan, Ottawa, Pike, Scioto, Summit, Vinton, Warren. June 10 to 12–Sept. 3. (CM, CSNH, JHH, OSM, OSU, OU).
C. venustus var. *cinctipennis* Rand. (16) Ashland, Ashtabula, Athens, Auglaize, Hamilton, Hocking, Jackson, Ottawa, Vinton. June 19–Aug. 20. (CM, CSNH, JHH, OSU, OU).
C. venustus var. *hamatus* Melsh. (18) Ashland, Athens, Erie, Fairfield, Hamilton, Jackson, Lake, Medina, Pike, Vinton. Feb. 10–Sept. 3. (CM, CSNH, JHH, OSU, OU).
C. venustus var. *simplex* Hald. (38) Adams, Ashland, Athens, Gallia, Hamilton, Jackson, Lawrence, Meigs, Morgan, Vinton. June 5–Sept. 3. (CM, CSNH, JHH, OSU).
C. incertus Hald. (1) Hamilton. June 20. (CSNH).
C. trivittatus Oliv. (1) Athens. July 24. (OU).
C. mutabilis Melsh. (42) Adams, Athens, Erie, Fairfield, Franklin, Fulton, Hamilton, Hocking, Lawrence, Lorain, Lucas, Meigs, Vinton. June 12–Oct. 12. (CSNH, JHH, OSM, OSU).
C. badius Suffr. (13) Athens, Gallia, Hamilton, Pike. June 22–Aug. 18. (CSNH, JHH).
C. schreibersi Suffr. (5) Hocking. Oct. 10–Oct. 14. (OSU).
C. tinctus Lec. (4) Athens, Jackson, Lawrence. Aug. 16–Oct. 25. (JHH, OU).

Other species of the Genus *Cryptocephalus* possible for Ohio: *C. basalis* Suffr., *striatulus* Lec.

Genus *Diachus* Lec.

- D. auratus* (Fab.) (14) Adams, Athens, Fairfield, Hamilton, Lawrence, Meigs, Pike. June 4–Aug. 26. (CSNH, JHH).
D. pallidicornis (Suffr.) (5) Hamilton. May 23–June 4. (CSNH).
D. chlorizans (Suffr.) (15) Hamilton, Jackson, Pike, Vinton. July 3–Aug. 19. (CSNH, JHH).

Other species of the Genus *Diachus* possible for Ohio: *D. laevis* (Hald.), *aeruginosus* Lec., *catarius* (Suffr.).

Genus *Bassaracus* Hald.

- B. brunnipes* (Oliv.) (3) Adams, Cuyahoga, Hamilton. June 26–Aug. 8. (CM, CSNH?, OSU).
B. clathratus Melsh. (47) Athens, Hocking, Jackson, Lawrence, Ross, Vinton. June 8–Sept. 3. (JHH, RML).

- B. formosus** (Melsh.) (20) Adams, Athens, Gallia, Hamilton, Hocking, Jackson, Pike, Scioto, Vinton. June 16–Aug. 27. (CSNH, JHH, OSM, OU).
B. formosus var. **sulphuripennis** (Melsh.) (3) Champaign, Lucas. July 7–July 27. (OSM, OU).
B. detritus (Oliv.) (1) Hamilton, Jackson. Sept. 3. (CSNH, JHH).
B. mammifer (Newn.) (20) Athens, Clark, Erie, Greene, Hamilton, Hocking, Portage. June 14–Aug. 4. (CSNH, JHH, OSM, OSU).
B. mammifer var. **sellatus** Suffr. (14) Athens, Hamilton, Pickaway, Vinton. June 4–Aug. 27. (CSNH, JHH, OSM).
B. lituratus (Fab.) (2) Lawrence. May 26–May 29. (OSU).
B. lituratus var. **castus** (Melsh.) (5) Jackson. May 22–June 26. (JHH).
B. lituratus var. **lativittis** (Germ.) (11) Athens, Hamilton, Warren. June 10 to 12–July 7. (CSNH, JHH).
B. lituratus var. **recurvus** Say. (16) Hamilton. May 21–June 19. (CSNH).
B. lituratus var. **niger** Blatch. (10) Jackson, Licking, Vinton. May 20–June 26. (JHH, OSU).

Genus **Triachus** Lec.

Species of the Genus *Triachus* possible for Ohio: *T. atomus* (Suffr.), *vacuus* Lec.

Subfamily EUMOLPINAE

Genus **Chrysodina** Baly

- C. globosa** (Oliv.) (6) Athens, Gallia, Hocking. May 17–July 21. (JHH, OSU).

Genus **Nodonota** Lef.

- N. tristis** (Oliv.) (337) Adams, Ashtabula, Athens, Clermont, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Lawrence, Licking, Lucas, Meigs, Pike, Ross, Scioto, Summit, Vinton, Washington. June 5–Oct. 20. (CSNH, JHH, OSM, OSU, OU).
N. clypealis Horn. (241) Adams, Athens, Fairfield, Hamilton, Jackson, Lawrence, Meigs, Pike, Scioto, Vinton, Washington. June 5–Sept. 1. (CSNH, JHH, OU).
N. convexa (Say) (1) Guernsey, Hamilton. Aug. 19. (CSNH, OSU).
N. puncticollis (Say) (1101) Athens, Hamilton, Hocking, Holmes, Jackson, Lucas, Vinton. May 29–Oct. 20. (CSNH, JHH, OSM, OSU, OU, RML).

Genus **Colaspis** Fab.

- C. brunnea** (Fab.) (254) Adams, Ashtabula, Athens, Cuyahoga, Fairfield, Franklin, Gallia, Holmes, Jackson, Lawrence, Lucas, Meigs, Pike, Ross, Vinton, Washington. June 10–Aug. 29. (CM, CSNH, JHH, OSM, OSU, OU, RML).
C. brunnea var. **flavida** Say. (1) Lucas. July 7. (OU).
C. brunnea var. **suilla** Fab. (4) Fulton. June 24. (OSU).

Genus **Rhabdopterus** Lef.

- R. picipes** (Oliv.) (43) Ashtabula, Athens, Gallia, Hamilton, Hocking, Holmes, Jackson, Lawrence, Meigs, Vinton. May 2–Oct. 4. (CSNH, JHH, OSM, OSU, OU, RML).

Genus **Graphops** Lec.

- C. varians** Lec. (1) "Ohio." (CSNH).
G. pubescens (Melsh.) (7) Adams, Athens, Hamilton, Jackson. May 16–Aug. 29. (CSNH, JHH, OU).
G. curtipennis (Melsh.) (1) Scioto. Aug. 29. (JHH).
G. marcassitus Cr. (6) Adams, Athens, Hamilton, Jackson. May 30–Aug. 26. (CSNH, JHH, OU).
G. nebulosus (Lec.) (2) Hamilton, Lawrence. June 1–June 25. (CSNH, OSU).

Genus **Xanthonia** Baly

- X. decemnotata** (Say) (48) Athens, Geauga, Hamilton, Hocking, Jackson, Lawrence, Madison, Vinton. May 20–Nov. 19. (CM, CSNH, JHH, OSU, OU, RML).
X. villosula (Melsh.) (29) Athens, Erie, Franklin, Hamilton, Lucas, Ottawa, Vinton. June 15–Aug. 17. (CSNH, JHH, OSM, OSU, OU).

Genus **Fidia** Baly

- F. viticida** Walsh (15) Adams, Athens, Erie, Lawrence, Ottawa. June 26–Aug. 26. (CSNH, JHH, OSU, OU, RML).
F. longipes (Melsh.) (12) Athens, Cuyahoga, Highland, Hocking, Meigs. May 15–July 28. (CM, CSNH, JHH, OSU, OU).

Genus *Metachroma* Lec.

M. angustulum Cr. (24) Erie. June 30–July 15. (OSU).

M. pallidum (Say) Hamilton. (CSNH).

Other species of the Genus *Metachroma* possible for Ohio: *M. interruptum* (Say), *parallelum* Horn, *quercatum* (Fab.).

Genus *Adoxus* Kby.

Species of the Genus *Adoxus* possible for Ohio: *A. obscurus* (L.).

Genus *Tymnes* Chap.

T. tricolor (Fab.) (37) Athens, Cuyahoga, Geauga, Hamilton, Hocking, Perry, Portage, Vinton. May 29–Aug. 15. (CM, CSNH, OSM, OSU, OU, RML).

T. violaceus Horn (1) Scioto. May 24. (OSM).

T. metasternalis Cr. (28) Athens, Champaign, Clark, Franklin, Gallia, Greene, Hamilton, Hocking, Madison. May 2–July. (CSNH, JHH, OSM, OSU, OU).

Genus *Myochrous* Er.

M. denticollis (Say) (4) Athens, Gallia, Hamilton. Mar. 24–Aug. 11. (CSNH, JHH, OU).

Genus *Glyptoscelis* Lec.

G. pubescens (Fab.) (8) Hocking. May 9–June 14. (OSU).

G. barbata (Say) (13) Athens, Clark, Greene, Hamilton, Hocking. May 22–Sept. 10. (CSNH, OSM, OSU, RML).

G. cryptica (Say) (1) Hamilton. May 20. (CSNH).

Other species of the Genus *Glyptoscelis* possible for Ohio: *G. liebecki* Blatch.

Genus *Typophorus* Er.

T. viridicyaneus (Cr.) (50) Adams, Fairfield, Hamilton, Jackson, Pike, Ross, Vinton, Washington. June 9–Aug. 29. (CSNH, JHH, OSM).

Genus *Paria* Lec.

P. canella var. *aterrima* (Oliv.) (50) Ashtabula, Athens, Cuyahoga, Fairfield, Hamilton, Hocking, Jackson, Meigs, Scioto, Vinton. April 17–Aug. 29. (CSNH, JHH, OSU, OU, RML).

P. canella var. *gilvipes* Horn (70) Adams, Ashtabula, Athens, Auglaize, Champaign, Clark, Fairfield, Franklin, Gallia, Greene, Hamilton, Hocking, Jackson, Licking, Ottawa, Pike, Vinton, Washington. Mar. 20–Nov. 22. (CSNH, JHH, OSM, OSU, OU, RML).

P. canella var. *pumila* Lec. (19) Adams, Ashtabula, Athens, Champaign, Hamilton, Hocking, Jackson, Lawrence, Meigs, Ross. April 24–Sept. 14. (CSNH, JHH, OSU, RML).

P. canella var. *quadriguttata* Lec. (35) Adams, Athens, Jackson, Lucas, Meigs, Ross, Vinton, Washington. April 28–Aug. 29. (JHH, OU).

P. canella var. *quadrinotata* (Say) (71) Adams, Ashtabula, Athens, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Lawrence, Licking, Logan, Meigs, Pickaway, Ross, Summit, Vinton, Washington. April 22–Oct. 15. (CSNH, JHH, OSM, OSU, OU, RML).

P. canella var. *sellata* Horn (30) Adams, Ashtabula, Franklin, Gallia, Hamilton, Jackson, Lucas, Ross, Vinton, Washington. Mar. 25–Aug. 29. (CSNH, JHH, OSU, OU).

P. canella var. *sexnotata* (Say) (12) Champaign, Clark, Greene, Hamilton, Montgomery, Ross. April 27–Aug. 29. (CSNH, JHH, OSU).

P. canella var. *thoracica* (Melsh.) (205) Adams, Ashtabula, Athens, Auglaize, Cuyahoga, Franklin, Gallia, Hamilton, Hocking, Jackson, Lawrence, Lucas, Meigs, Montgomery, Pike, Ross, Scioto, Vinton, Washington, Wayne. May 24–Sept. 3. (CM, CSNH, JHH, OSM, OSU, OU, RML).

P. canella var. *vittata* Horn (7) Adams, Ashtabula, Athens, Jackson, Ross, Washington. May 15–Aug. 29. (CSNH, JHH, OU).

Other species of the Genus *Paria* possible for Ohio: *P. canella* var. *scutellaris* Notm., *canella* var. *opacicollis* Lec., *juniperi* Blatch.

Genus *Chrysochus* Redt.

C. auratus (Fab.) (424) Adams, Ashtabula, Athens, Auglaize, Cuyahoga, Erie, Fairfield, Franklin, Gallia, Geauga, Guernsey, Hamilton, Highland, Hocking, Jackson, Lawrence, Licking, Lucas, Meigs, Ottawa, Pike, Ross, Scioto, Vinton, Washington. June 8–Sept. 19. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Subfamily CHRYSOMELINAE

Genus *Prasocuris* Latr.

- P. obliquata** Lec. (2) Franklin, Hamilton. May 29. (CSNH, OSU).

Other species of the Genus *Prasocuris* possible for Ohio: *P. phellandrii* (L.), *vittata* (Oliv.), *ovalis* Blatch.

Genus *Labidomera* Chev.

- L. clivicollis** (Kby.) (71) Adams, Ashtabula, Athens, Clermont, Crawford, Cuyahoga, Erie, Fairfield, Franklin, Hamilton, Jackson, Lake, Licking, Lucas, Meigs, Miami, Ottawa, Pike, Ross, Summit. Jan. 11–Nov. 1. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Genus *Leptinotarsa* Stal

- L. decemlineata** (Say) (197) Adams, Ashtabula, Athens, Cuyahoga, Erie, Franklin, Hamilton, Jackson, Knox, Meigs, Monroe, Ottawa, Portage, Sandusky, Washington. April 14–Oct. 11. (CM, CSNH, JHH, OSM, OSU, OU, RML).
- L. juncta** (Germ.) (229) Adams, Athens, Gallia, Hamilton, Hocking, Jackson, Lawrence, Meigs, Pike, Ross, Scioto, Washington. Mar. 29–Oct. 24. (CSNH, JHH, OSM, OSU, OU, RML).

Genus *Zygogramma* Chev.

- Z. suturalis** (Fab.) (549) Adams, Ashtabula, Athens, Clark, Cuyahoga, Erie, Fairfield, Franklin, Gallia, Geauga, Greene, Hamilton, Hocking, Jackson, Lake, Lawrence, Licking, Logan, Marion, Medina, Meigs, Perry, Pike, Portage, Scioto, Summit, Vinton. April 14–Oct. 2. (CM, CSNH, JHH, OSM, OSU, OU, RML).
- Z. suturalis** var. *casta* Rogers (20) Adams, Athens, Cuyahoga, Darke, Erie, Gallia, Hamilton, Jackson, Lawrence, Licking, Pike. May 8–Sept. 3. (CM, CSNH, JHH, OSM, OSU).

Genus *Calligrapha* Er.

- C. lunata** (Fab.) (1) Lucas. July 20. (OSM).
- C. similis** Rogers (27) Athens, Cuyahoga, Hamilton, Hocking, Jackson, Licking, Pike. May 12–Oct. 4. (CM, CSNH, JHH, OSM, OSU, OU, RML).
- C. praecelsis** Rogers (10) Franklin, Hamilton, Pike. May 9–Aug. 18. (CSNH, JHH, OSM, OSU).
- C. elegans** (Oliv.) (22) Ashtabula, Cuyahoga, Franklin, Fulton, Hamilton, Holmes. April–Sept. 6. (CM, CSNH, JHH, OSM, OSU).
- C. scalaris** Lec. (16) Erie, Fairfield, Hamilton, Hocking, Holmes, Jackson, Licking, Ottawa. May–Oct. 2. (CSNH, JHH, OSM, OSU).
- C. philadelphica** (L.) (12) Champaign, Hocking, Jackson, Licking, Lucas, Scioto. May 18–Sept. 14. (JHH, OSM, OU).
- C. multipunctata** (Say) (8) Ashtabula, Cuyahoga, Hamilton, Summit. May 21–Aug. 6. (CM?, CSNH).
- C. multipunctata** var. *bigbyana* (Kby.) (96) Adams, Ashtabula, Athens, Champaign, Cuyahoga, Erie, Franklin, Hamilton, Highland, Huron, Jackson, Lake, Lucas, Meigs, Ottawa, Ross, Summit, Vinton, Washington, Williams. April 26–Oct. 22. (CM, CSNH, JHH, OSM, OSU, OU, RML).
- C. multiguttata** Stal Hamilton. (CSNH).

Other species of the Genus *Calligrapha* possible for Ohio: *C. rhoda* var. *walshiana* Blatch., *rowena* Knab.

Genus *Chrysolina* Mots.

- C. flavomarginata** (Say). Van Dyke (1938) examined this species from Ohio (Leng Coll.).

Other species of the Genus *Chrysolina* possible for Ohio: *C. auripennis* (Say), *subopaca* (Rogers).

Genus *Plagiodera* Redt.

Species of the Genus *Plagiodera* possible for Ohio: *P. versicolora* (Laich.).

Genus *Phaedon* Latr.

- P. viridis** (Melsh.) (2) Ashtabula. April. (CSNH).

Genus *Gastroidea* Hope

- G. polygona** (L.) (7) Ashtabula, Auglaize, Franklin, Hamilton, Licking. April 26–Sept. 20. (CSNH, OSM, OSU).
- G. cyanea** Melsh. (127) Adams, Ashtabula, Athens, Fairfield, Franklin, Hamilton, Jackson, Meigs, Perry, Portage, Vinton. April 18–Aug. 20. (CM, CSNH, JHH, OSM, OSU, OU, RML).
- G. cyanea** var. *caesia* Rogers (3) Ashtabula, Hamilton. June 1. (CSNH, OSU).

Genus *Lina* Meg.

- L. interrupta* Fab. (811) Ashland, Ashtabula, Athens, Auglaize, Clermont, Cuyahoga, Erie, Fairfield, Franklin, Hamilton, Hocking, Holmes, Jackson, Licking, Logan, Lucas, Meigs, Montgomery, Morgan, Ottawa, Portage, Sandusky, Summit, Vinton, Washington. April 1–Oct. 30. (CM, CSNH, JHH, OSM, OSU, OU, RML).
L. tremulae (Fab.) (2) Ashland, Ashtabula. June 22. (OSU).
L. scripta (Fab.) (71) Adams, Ashtabula, Athens, Erie, Fairfield, Franklin, Hamilton, Lake, Licking, Lucas, Ottawa, Ross, Vinton, Washington. June 7–Aug. 29. (CSNH, JHH, OSM, OSU, OU).
L. scripta var. *confluens* Rogers (2) Lucas. July 7. (OU).
L. obsoleta Say (1) Lucas. May 5. (OSM).

Genus *Phytodecta* Kby.

Species of the Genus *Phytodecta* possible for Ohio: *P. americana* Schffr.

Genus *Phyllodecta* Kby.

- P. vulgatissima* (L.) Listed for Ohio by Leng (1920).
P. americana var. *pallipes* Schffr. Listed for Ohio by Leng (1920).
 Other species of the Genus *Phyllodecta* possible for Ohio: *P. vitellinae* (L.), *americana* Schffr.

Subfamily GALERUCINAE

Genus *Halticidea* Horn

- H. externa* (Say) (2) Hamilton. June 13. (CSNH, OSU).

Genus *Trirhabda* Lec.

- T. virgata* Lec. (147) Cuyahoga, Erie, Fairfield, Franklin, Hamilton, Huron, Jackson, Lake, Ottawa, Summit. June 26–Sept. 20. (CM, CSNH, JHH, OSM, OSU, OU).
T. canadensis (Kby.) (19) Cuyahoga, Erie, Lucas, Ottawa. June 12–Aug. 15. (JHH, OSU, OU).

Other species of the Genus *Trirhabda* possible for Ohio: *T. borealis* Blake.

Genus *Galerucella* Cr.

- G. americana* (Fab.) (3) Adams. Aug. 26. (JHH).
G. cribrata (Lec.) (211) Ashtabula, Athens, Champaign, Clark, Darke, Fairfield, Gallia, Greene, Hocking, Jackson, Lake, Lawrence, Lucas, Meigs, Pike, Portage, Ross, Vinton. May 8–Oct. 13. (CM, JHH, OSM, OSU, OU, RML).
G. sexvittata (Lec.) (323) Athens, Gallia, Hamilton, Jackson, Meigs, Pike, Portage, Vinton. May 19–Sept. 24. (CM, CSNH, JHH, OU, RML).
G. cavicollis (Lec.) (18) Ashtabula, Lucas, Ross, Vinton, Washington. June 2–Aug. 29. (JHH, OSU, OU).
G. rufosanguinea (Say) (1) Portage. July 30. (CM).
G. integra (Lec.) (3) Athens, Erie, Lucas. July 20–Oct. 1. (OSM, OSU, OU).
G. notulata (Fab.) (47) Adams, Athens, Gallia, Hamilton, Jackson, Lawrence, Meigs, Pike, Scioto, Vinton. June 23–Sept. 24. (CSNH, JHH).
G. notata (Fab.) (34) Ashtabula, Athens, Erie, Fairfield, Franklin, Hocking, Jackson, Medina, Portage, Vinton. Mar. 25–Sept. 24. (CM, JHH, OSM, OSU, OU, RML).
G. nymphaeae (L.) (231) Ashtabula, Hamilton, Jackson, Licking, Portage, Sandusky, Vinton. May 3–Sept. 21. (CM, CSNH, JHH, OSM, OSU).
G. tuberculata (Say) Hamilton. (CSNH).
G. decora (Say) (4) Hamilton, Portage. May 3–Aug. 16. (CM, CSNH).
G. luteola Mull. (39) Butler, Franklin, Hamilton, Montgomery. Aug. 22–Sept. 18. (CSNH, OSM, OSU).

Genus *Paratriarius* Schffr.

- P. dorsata* (Say) (36) Hamilton. June 24–Aug. 2. (CSNH, OSU).

Genus *Diabrotica* Chev.

- D. duodecimpunctata* (Fab.) (573) Adams, Ashtabula, Athens, Cuyahoga, Erie, Fairfield, Franklin, Gallia, Hamilton, Highland, Hocking, Holmes, Jackson, Lake, Lawrence, Licking, Lucas, Madison, Meigs, Monroe, Ottawa, Pike, Portage, Ross, Scioto, Stark, Vinton, Washington. Feb. 7–Nov. 12. (CM, CSNH, JHH, OSM, OSU, OU, RML).
D. longicornis (Say) (104) Athens, Coshocton, Cuyahoga, Franklin, Hamilton, Jackson, Meigs, Pickaway, Ross, Washington. July 12–Oct. 7. (CM, CSNH, JHH, OSU, OU).
D. atripennis (Say) (6) Adams, Madison. June 7–Aug. 26. (JHH, OSU).
D. vittata (Fab.) (292) Adams, Ashtabula, Athens, Auglaize, Cuyahoga, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Meigs, Monroe, Pickaway, Pike, Putnam, Ross, Summit, Vinton. April 7–Nov. 7. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Genus *Phyllobrotica* Redt.

- P. decorata* (Say) (2) Clark, Greene, Lucas. June 3–June 25. (OSM, OSU).
P. discoidea (Fab.) (1) Franklin, Hamilton. (CSNH, OSU).
P. limbata (Fab.) (25) Ashtabula, Athens, Hamilton, Hocking, Jackson, Lucas, Vinton.
 June 6–July 8. (CSNH, JHH, OSM, OSU, OU).

Other species of the Genus *Phyllobrotica* possible for Ohio: *P. vittata* Horn, *lengi* Blatch., *stenides* Schffr.

Genus *Luperodes* Mots.

- L. meraca* (Say) (21) Ashtabula, Athens, Hocking, Holmes, Jackson, Vinton. May 1–July 2. (JHH, OSM, OSU).
L. cyanellus Lec. (12) Athens, Gallia, Wayne. May 10–June 13. (CSNH, OSU, OU, RML).

Other species of the Genus *Luperodes* possible for Ohio: *L. thoracicus* (Melsh.).

Genus *Phyllecthrus* Lec.

- P. gentilis* Lec. (20) Athens, Gallia, Guernsey, Jackson, Lawrence, Meigs. May 30–June 24. (CSNH, JHH, OSU, OU, RML).
P. dorsalis (Oliv.) (1) Athens. June 9. (OU).

Genus *Galeruca* Geoffr.

- G. pomonae* Scop. (3) Athens, Hamilton, Hardin. May 20–Sept. 10. (CSNH, OSM, OU).

Genus *Cerotoma* Chev.

- C. trifurcata* (Forst.) (165) Adams, Athens, Champaign, Cuyahoga, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Knox, Lawrence, Marion, Medina, Meigs, Pike, Portage, Ross, Scioto, Vinton, Washington. May 1–Nov. 3. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Subfamily HALTICINAE

Genus *Blepharida* Rogers

- B. rhois* (Forst.) (640) Adams, Athens, Clermont, Coshocton, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Knox, Lawrence, Licking, Lucas, Medina, Meigs, Pike, Scioto, Vinton. May 8–Oct. 18. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Genus *Pachyonychus* Chev.

- P. paradoxus* Melsh. (10) Hamilton, Hocking, Jackson, Lawrence. May 22–June 9. (CSNH, JHH, OSU, OU).

Genus *Hypolampsis* Clark

- H. pilosa* (Ill.) (7) Hamilton, Jackson, Washington. July 2–July 12. (CSNH, JHH, OSU).

Genus *Oedionychis* Latr.

- Oe. gibbitarsa* (Say) (43) Athens, Clark, Erie, Fairfield, Franklin, Hamilton, Holmes, Jackson, Meigs. May 2–Oct. 10. (CSNH, JHH, OSM, OSU, OU, RML).
Oe. thoracica (Fab.) (16) Adams, Athens, Erie, Hamilton, Hocking, Vinton. April 25–Sept. 24. (CSNH, JHH, OSM, OSU, OU).
Oe. vians (Ill.) (24) Ashtabula, Athens, Franklin, Hamilton, Hocking, Jackson, Lawrence, Licking, Meigs. Feb. 10–Oct. 18. (CSNH, JHH, OSU, OU, RML).
Oe. fimbriata (Forst.) (12) Athens, Hocking, Jackson. Feb. 10–July 31. (JHH, OSM, OU, RML).
Oe. petaurista (Fab.) (2) Athens, Hamilton. June 17–Oct. 1. (CSNH, OU).
Oe. miniata (Fab.) (4) Hocking, Jackson, Lawrence. June 1–July 4. (JHH, OSM).
Oe. thyamoides Cr. (20) Athens, Franklin, Gallia, Hamilton, Vinton, Warren. May 2–Dec. 30. (CSNH, JHH, OSU, OU).
Oe. subvittata Horn (31) Ashtabula, Athens, Cuyahoga, Fulton, Hamilton, Jackson, Meigs, Scioto, Summit, Vinton, Wayne. April 8–Oct. 25. (CM, CSNH, JHH, OSU, OU).
Oe. sexmaculata (Ill.) (21) Athens, Clark, Gallia, Greene, Hamilton, Scioto, Vinton. April 28–Aug. 29. (CSNH, JHH, OSU, OU, RML).
Oe. quercata (Fab.) (52) Athens, Fairfield, Franklin, Gallia, Hocking, Holmes, Jackson, Pike, Scioto, Summit, Vinton. April 27–Aug. 27. (CM, JHH, OSM, OSU, OU).
Oe. scalaris Melsh. (1) Champaign. Sept. 6. (OSM).

Other species of the Genus *Oedionychis* possible for Ohio: *Oe. vians* var. *scripticollis* (Say), *concinna* (Fab.).

Genus *Disonycha* Chev.

- D. pennsylvanica* (Ill.) (16) Ashtabula, Auglaize, Franklin, Hamilton, Jackson, Ottawa, Portage, Washington. April 23-Aug. 16. (CM, CSNH, JHH, OSM, OSU, OU).
D. procera Csy. (11) Ashtabula, Jackson, Lucas, Washington. June 3-July 14. (JHH, OSM, OSU).
D. uniguttata (Say) (42) Erie, Fairfield, Geauga, Jackson, Licking, Morgan, Perry. April 18-Aug. 7. (JHH, OSM, OSU).
D. alternata (Ill.) (188) Ashtabula, Erie, Franklin, Hocking, Licking, Lucas, Ottawa, Preble, Ross, Washington. May 5-Sept. 21. (JHH, OSM, OSU, OU).
D. caroliniana (Fab.) Hamilton. (CSNH).
D. fumata Lec. (1) Hamilton. (CSNH).
D. discoidea (Fab.) (8) Athens, Hamilton, Jackson, Lawrence, Meigs. May 9-Aug. 15. (CSNH, JHH, OSU, OU, RML).
D. discoidea var. *abbreviata* Melsh. (7) Athens, Hamilton. May 31-June 23. (CSNH, JHH).
D. admirabilis Blatch. (52) Adams, Gallia, Hocking, Jackson, Lawrence, Licking, Pike, Scioto, Vinton, Washington. May 18-Sept. 25. (JHH, OSM).
D. glabrata (Fab.) (510) Adams, Athens, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Lawrence, Licking, Meigs, Pike, Ross, Scioto, Vinton, Washington. April 20-Oct. 23. (CSNH, JHH, OSM, OSU, OU, RML).
D. collata (Fab.) (1) Athens, Hamilton. June 26. (CSNH, JHH).
D. semicarbonata Lec. (1) Athens. (RML).
D. xanthomelas (Dalm.) (61) Ashtabula, Athens, Cuyahoga, Erie, Franklin, Hamilton, Hocking, Jackson, Licking, Meigs, Portage, Tuscarawas. April 23-Nov. 1. (CM, CSNH, JHH, OSM, OSU, OU, RML).
D. triangularis (Say) (18) Athens, Erie, Fairfield, Franklin, Hamilton, Lake, Lucas, Portage, Ross. April 1 to 9-Aug. 23. (CM, CSNH, JHH, OSM, OSU).
D. mellicollis (Say) (9) Athens, Hamilton. May 15-Nov. 3. (CSNH, RML).
D. pallipes Cr. (4) Mercer, Portage, Summit. June 20-June 29. (CM, CSNH).

Genus *Sphaeroderma* Steph.

- S. opima* Lec. (11) Hamilton. May 19-July 18. (CSNH).

Genus *Altica* Geoffr.

- A. bimarginata* Say (30) Ashtabula, Erie, Hamilton, Hocking, Jackson, Lake, Licking, Lucas, Ottawa, Sandusky. May 8-Oct. 20. (CSNH, JHH, OSM, OSU, OU).
A. chalybea Ill. (34) Athens, Cuyahoga, Erie, Franklin, Hamilton, Hocking, Meigs, Richland, Ross. Mar. 29-Dec. 5. (CM, CSNH, JHH, OSM, OSU, OU, RML).
A. ignita Ill. (31) Athens, Fairfield, Franklin, Geauga, Hamilton, Hocking, Holmes, Jackson, Lawrence, Meigs, Vinton. April 23-Sept. 24. (CM, CSNH, JHH, OSM, OSU, OU).
A. ulmi Woods (141) Jackson. Nov. 11-Nov. 19. (JHH).
A. carinata Germ. (2) Hamilton, Scioto. Aug. 29. (CSNH, JHH).
A. fuscoaeenea Melsh. (4) Hamilton. May 12. (CSNH).
A. burgessi Cr. Hamilton. (CSNH).
A. rufa Ill. (3) Franklin, Jackson. April 29-May 24. (JHH, OSU, OU).

Other species of the Genus *Altica* possible for Ohio: *A. rosae* Woods, *corni* Woods, *cuprascens* Blatch., *aenescens* Blatch., *vicaria* Horn, *torquata* Lec., *knabi* Blatch., *gloriosa* Blatch., *betulae* Schffr., *evicta* var. *shoemakeri* Schffr., *viatica* Blatch.

Genus *Lactica* Er.

- L. iris* (Oliv.) (2) Adams, Pike. Aug. 12-Aug. 24. (JHH).

Genus *Diphaulaca* Clark

- D. bicolorata* Horn (3) Hamilton. Mar. 24-Oct. 29. (CSNH).

Genus *Trichaltica* Har.

- T. scabricula* (Cr.) (7) Hamilton. May 14-June 4. (CSNH).

Genus *Chalcoides* Foudr.

- C. helxines* (L.) (1302) Adams, Ashtabula, Athens, Cuyahoga, Erie, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Lake, Lawrence, Meigs, Perry, Pike, Ross, Scioto, Vinton, Washington. April 24-Oct. 22. (CM, CSNH, JHH, OSM, OSU, OU).
C. longula (Horn) (28) Athens, Franklin, Hamilton, Jackson, Logan, Pike, Vinton. May 3-Oct. 15. (CSNH, JHH, OSM, OU).

Other species of the Genus *Chalcoides* possible for Ohio: *C. helxines* var. *violacea* (Melsh.).

Genus **Derocrepis** Weise

- D. erythropus** (Melsh.) (57) Adams, Athens, Franklin, Gallia, Hamilton, Hocking, Jackson, Lawrence, Meigs, Ross. April 7–Oct. 7. (CSNH, JHH, OSM, OSU, OU, RML).
D. aesculi (Dury) (20) Franklin, Hamilton. April–May 24. (CSNH, OSU).

Genus **Crepidodera** Chev.

- C. atriventris** Melsh. (48) Athens, Cuyahoga, Franklin, Hamilton, Jackson, Lake, Pike, Scioto. Mar. 24–Oct. 21. (CM, CSNH, JHH, OSM, OU, RML).
C. nitens Horn (6) Athens, Hamilton. May 8–Aug. 1. (CSNH, JHH).

Genus **Hippuriphila** Foudr.

- H. modeeri** (L.) (8) Hamilton. May 20. (OSU).

Genus **Epitrix** Foudr.

- E. fuscula** Cr. (1503) Adams, Athens, Cuyahoga, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Lawrence, Meigs, Pike, Ross, Scioto, Vinton. May 2–Oct. 21. (CSNH, JHH, OSU, OU, RML).
E. humeralis Dury (15) Athens, Hamilton, Jackson, Meigs, Ross. May 16–Aug. 23. (CSNH, JHH, OU).
E. lobata Cr. (3) Athens, Hamilton. May 13–May 22. (CSNH, OU).
E. cucumeris Har. (644) Adams, Ashtabula, Athens, Cuyahoga, Franklin, Gallia, Jackson, Licking, Meigs, Pike, Ross, Vinton, Washington. May 6–Oct. 18. (CSNH, JHH, OSM, OSU, OU).
E. brevis Sz. (31) Athens, Cuyahoga, Jackson, Meigs, Ross, Washington. May 21–Aug. 26. (JHH, OU).
E. parvula (Fab.) (1471) Adams, Athens, Hamilton, Jackson, Lawrence, Meigs, Pike, Ross, Vinton. July 5–Sept. 2. (CSNH, JHH, OU).

Genus **Orthaltica** Cr.

- O. copalina** (Fab.) (18) Athens, Cuyahoga, Hamilton, Hocking, Jackson, Lawrence, Summit. May 26–July 30. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Other species of the Genus *Orthaltica* possible for Ohio: *O. melina* Horn.

Genus **Luperaltica** Cr.

- L. fuscula** (Lec.) (921) Adams, Athens, Gallia, Hocking, Jackson, Lawrence, Meigs, Pike, Ross, Scioto, Vinton. July 28–Sept. 26. (JHH, OU, RML).
L. senilis (Say) (2) Hamilton, Hocking, Scioto. July 20–Sept. 3. (CSNH, OSU, OU).

Genus **Mantura** Steph.

- M. floridana** Cr. (5) Cuyahoga, Franklin, Hamilton, Jackson. June 26–July 1. (CM, CSNH, JHH, OSM).

Genus **Chaetocnema** Steph.

- C. protensa** Lec. (4) Hamilton, Pike, Wayne. May 1–Aug. 18. (CSNH, JHH).
C. denticulata (Ill.) (9) Hamilton. May 14–Sept. 16. (CSNH).
C. cribrifrons Lec. (176) Adams, Athens, Jackson, Meigs, Scioto. July 4–Sept. 7. (JHH).
C. minuta Melsh. (132) Adams, Athens, Franklin, Gallia, Hamilton, Hardin, Hocking, Jackson, Lake, Meigs, Ross, Vinton. April 29–Sept. 27. (CSNH, JHH, OSU, OU, RML).
C. opulenta Horn (1) Hamilton. May 8. (CSNH).
C. parcepunctata Cr. Hamilton. (CSNH).
C. pulicaria Melsh. (40) Athens, Franklin, Hamilton. April 30–Oct. 19. (CSNH, OSU, OU).
C. confinis Cr. (73) Adams, Athens, Cuyahoga, Franklin, Gallia, Hamilton, Jackson, Meigs, Pike, Washington, Wayne. April 23–Oct. 28. (CSNH, JHH, OSM, OSU, OU, RML).
C. elongatula Cr. (3) Adams, Wayne. May 1–July 4. (CSNH).

Other species of the Genus *Chaetocnema* possible for Ohio: *C. irregularis* Lec., *subcylindrica* Lec., *pinguis* Lec., *protensa* var. *splendida* Gentn.

Genus **Systema** Clark

- S. hudsonias** (Forst.) (172) Ashtabula, Athens, Cuyahoga, Fairfield, Franklin, Gallia, Guernsey, Hamilton, Hocking, Jackson, Knox, Lucas, Meigs, Vinton, Wayne. May 22–Aug. 14. (CM, CSNH, JHH, OSM, OSU, OU, RML).
S. frontalis (Fab.) (33) Athens, Cuyahoga, Franklin, Jackson, Medina, Meigs, Portage, Washington. Jan. 16–Sept. 23. (CM, JHH, OSM, OU).
S. elongata (Fab.) (19) Athens, Cuyahoga, Gallia, Jackson, Medina, Meigs, Summit. July 27–Nov. 18. (CM, JHH, OSU).

S. taeniata (Say) (441) Adams, Ashtabula, Athens, Cuyahoga, Erie, Gallia, Hamilton, Jackson, Lake, Lawrence, Meigs, Pike, Ross, Scioto, Shelby, Vinton, Washington. May 30–Sept. 7. (CSNH, JHH, OSM, OSU, OU, RML).

S. blanda Melsh. Putnam, Wood. Blake (1935) examined this species from the Ohio counties given.

S. marginalis (Ill.) (49) Adams, Athens, Cuyahoga, Franklin, Gallia, Jackson, Lawrence, Meigs, Pike, Ross. Aug. 1–Sept. 17. (CSNH, JHH, OSM, OU).

Other species of the Genus *Systema* possible for Ohio: *S. plicata* Blatch.

Genus *Longitarsus* Latr.

L. turbatus Horn (15) Hamilton. April 1–Nov. 6. (CSNH).

L. alternatus (Zieg.) (19) Hamilton. May 12–June 21. (CSNH).

L. testaceus Melsh. (25) Athens, Cuyahoga, Hamilton, Jackson, Lake, Lucas, Meigs, Pike, Vinton. May 14–Oct. 15. (CSNH, JHH, OSU, OU).

L. melanurus Melsh. (16) Athens, Hamilton. April 23–Oct. 22. (CSNH, OU).

L. insolens Horn (1) Hamilton. June 12. (CSNH).

L. misellus Blatch. (24) Hamilton. April 5–Oct. 26. (CSNH).

Other species of the Genus *Longitarsus* possible for Ohio: *L. subrufus* Lec., *erro* Horn, *arenaceus* Blatch., *suspectus* Blatch., *saltatus* Blatch., *acutipennis* Blatch., *waterhousei* Kutschera.

Genus *Glyptina* Lec.

G. cyanipennis Cr. (2) Hamilton. July 8. (CSNH).

G. brunnea Horn (22) Athens, Franklin, Hamilton, Hocking, Ross. Jan. 9–April 19. (CSNH, JHH, OSM, OSU, OU).

G. spuria Lec. (16) Athens, Cuyahoga, Hamilton. Mar. 25–Nov. 6. (CM, CSNH, OU).

Other species of the Genus *Glyptina* possible for Ohio: *G. bicolor* Horn, *ferruginea* Blatch., *leptosoma* Blatch., *abbreviata* Gentn.

Genus *Phyllotreta* Foudr.

P. armoraciae (Koch) (114) Ashtabula, Athens, Cuyahoga, Franklin, Jackson. April 9–Oct. 25. (CM, JHH, OSM, OSU, OU).

P. robusta Lec. (1) Hamilton. June. (CSNH).

P. zimmermanni (Cr.) (61) Athens, Franklin, Hamilton, Jackson, Knox, Lawrence, Meigs, Ottawa, Vinton. April 5–Aug. 19. (CSNH, JHH, OSM, OSU, OU, RML).

P. vittata (Fab.) (318) Adams, Athens, Cuyahoga, Franklin, Gallia, Hamilton, Jackson, Lawrence, Meigs, Scioto. Jan. 27–Oct. 25. (CM, CSNH, JHH, OSU, OU).

P. bipustulata (Fab.) (60) Adams, Athens, Cuyahoga, Franklin, Gallia, Hamilton, Jackson, Meigs, Summit. Apr. 22–Dec. 25. (CM, CSNH, JHH, OSU, OU).

P. ulkei Horn (1) Franklin. April 5. (OSM).

P. lindahli Dury (5) Hamilton. May 20–May 30. (CSNH).

P. picta (Say) (45) Adams, Athens, Gallia, Hamilton, Jackson, Lawrence, Lucas, Ottawa, Vinton. May–Aug. 16. (CSNH, JHH, OSU, OU, RML).

Other species of the Genus *Phyllotreta* possible for Ohio: *P. liebecki* Schffr., *ramosa* (Cr.), *conjuncta* Gentn., *aeneicollis* (Cr.), *lewisii* (Cr.).

Genus *Tanygaster* Blatch.

Species of the Genus *Tanygaster* possible for Ohio: *T. ovalis* Blatch.

Genus *Aphthona* Chev.

A. insolita (Melsh.) (3) Athens, Hamilton. May 22–May 24. (CSNH, OU).

Genus *Dibolia* Latr.

D. borealis Chev. (382) Athens, Franklin, Hamilton, Jackson, Pike. Jan. 5–Dec. 25. (CSNH, JHH, OSU, OU, RML).

Other species of the Genus *Dibolia* possible for Ohio: *D. libonoti* Horn.

Genus *Psylliodes* Latr.

P. punctulata Melsh. (4) Athens, Franklin. June 24–June 26. (JHH, OSU).

P. convexior Lec. (17) Cuyahoga, Franklin, Hamilton, Jackson. April 24–Aug. 14. (CSNH, JHH, OSM, OSU).

Subfamily HISPINAE

Genus *Stenispa* Baly

S. metallica (Fab.) (25) Fairfield, Franklin, Gallia, Hamilton, Jackson, Lawrence, Licking, Pickaway. April 29–Sept. 3. (CSNH, JHH, OSU).

Other species of the Genus *Stenispa* possible for Ohio: *S. collaris* Baly.

Genus **Anoplitis** Chap.

- A. inaequalis** (Web.) (228) Adams, Ashtabula, Athens, Carroll, Champaign, Cuyahoga, Fairfield, Gallia, Hamilton, Hocking, Jackson, Lawrence, Meigs, Ottawa, Pike, Ross, Vinton, Washington. May 5–Dec. 29. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Genus **Chalepus** Thunb.

- C. bicolor** (Oliv.) (23) Athens, Clermont, Gallia, Hocking, Jackson, Lawrence, Meigs, Vinton. May 9–Sept. 3. (CSNH, JHH, OSM, OSU, OU).
C. scapularis (Oliv.) (6) Adams, Hocking, Jackson. July 2–Aug. 25. (CSNH, JHH, OSU).
C. dorsalis Thunb. (73) Adams, Ashtabula, Athens, Champaign, Cuyahoga, Gallia, Geauga, Hamilton, Jefferson, Lawrence. May 10–Oct. 20. (CM, CSNH, JHH, OSM, OSU, OU).
C. horni (Smith) (4) Adams, Athens, Lawrence. May 13–Sept. 1. (JHH, OSU, OU).

Genus **Baliosus** Weise

- B. ruber** (Web.) (45) Athens, Champaign, Cuyahoga, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Ottawa, Ross. April 28–Oct. 8. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Genus **Brachycoryna** Baly

Species of the Genus *Brachycoryna* possible for Ohio: *B. ?melsherimeri* (Cr.).

Genus **Octotoma** Suffr.

- O. plicatula** (Fab.) (21) Hamilton, Lawrence, Meigs. May 11–June 13. (CSNH, OSM, OSU).

Genus **Uroplata** Baly

- U. porcata** (Melsh.) (4) Athens, Hamilton. May 22–Aug. (CSNH, RML).

Genus **Microrhopala** Baly

- M. vittata** (Fab.) (48) Adams, Ashtabula, Champaign, Clermont, Cuyahoga, Erie, Fairfield, Hamilton, Jackson, Medina, Portage. May 15–Oct. 7. (CM, CSNH, JHH, OSU, OU).
 Other species of the Genus *Microrhopala* possible for Ohio: *M. xerene* (Newn.), *excavata* (Oliv.), *cyanea* (Say).

Subfamily CASSIDINAE

Genus **Chelymorpha** Boh.

- C. cassidea** (Fab.) (88) Adams, Ashtabula, Athens, Clark, Clermont, Cuyahoga, Erie, Fairfield, Franklin, Fulton, Greene, Hamilton, Huron, Jackson, Lawrence, Licking, Meigs, Ottawa, Pike, Ross, Sandusky, Summit, Vinton, Washington, Wayne. Feb. 17–Sept. 12. (CM, CSNH, JHH, OSM, OSU, OU, RML).

Genus **Physonota** Boh.

Species of the Genus *Physonota* possible for Ohio: *P. unipunctata* (Say).

Genus **Cassida** L.

Species of the Genus *Cassida* possible for Ohio: *C. flaveola* Thunb.

Genus **Jonthonota** Spaeth

- J. nigripes** (Oliv.) (6) Clark, Cuyahoga, Greene, Hamilton, Jackson, Logan. June 8–Sept. 14. (CM, CSNH, JHH, OSU).

Genus **Gratiana** Spaeth

- G. pallidula** (Boh.) (127) Adams, Athens, Gallia, Hocking, Jackson, Lawrence, Meigs, Pike, Scioto, Washington. June 16–Aug. 29. (JHH, OSU, OU).

Genus **Chirida** Chap.

- C. guttata** (Oliv.) (175) Adams, Athens, Cuyahoga, Erie, Fairfield, Franklin, Gallia, Hamilton, Hocking, Jackson, Lake, Lawrence, Meigs, Ottawa, Pike, Ross, Scioto, Seneca, Summit, Vinton, Washington. April 28–Sept. 26. (CM, CSNH, JHH, OSU, OU, RML).
C. guttata var. **pennsylvanica** Sp. (46) Athens, Cuyahoga, Fairfield, Franklin, Hamilton, Highland, Jackson, Lawrence, Meigs, Mercer, Pike, Vinton. May 5–Oct. 11. (CM, CSNH, JHH, OSM, RML).

Genus **Deloyala** Chev.

- D. clavata** (Fab.) (24) Ashtabula, Athens, Cuyahoga, Erie, Hamilton, Hocking, Jackson, Meigs, Ottawa, Wood. May 24–Aug. 20. (CSNH, JHH, OSM, OSU, OU).

Genus *Metronia* Weise

- M. bivittata** (Say) (176) Adams, Athens, Clark, Fairfield, Greene, Hamilton, Highland, Hocking, Jackson, Lake, Lawrence, Meigs, Pike, Ross, Seneca, Vinton, Washington. April 15–Oct. 23. (CSNH, JHH, OSM, OSU, OU, RML).
M. bicolor (Fab.) (311) Adams, Ashtabula, Athens, Champaign, Clark, Cuyahoga, Erie, Fairfield, Franklin, Gallia, Greene, Hamilton, Highland, Hocking, Holmes, Jackson, Lake, Lawrence, Lucas, Meigs, Ottawa, Pike, Ross, Scioto, Seneca, Vinton, Washington. April 28–Oct. 13. (CM, CSNH, JHH, OSM, OSU, OU, RML).
M. purpurata (Boh.) (4) Athens, Hamilton, Vinton. May 17–Aug. 17. (CSNH, JHH).

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